

## ▶ 선택의 이유

- ✓ High Quality R&D Systems Cytokine 포함
- ✓ Validated Protocol - 검증 된 제품
- ✓ 추가 장비 필요 없이 kit 하나면 O.K
- ✓ High Differentiation Yield

## ▶ CellXVio 실험 과정

1. Anti human CD3 Abs Coat

2. PBMC 분리

3. CD4+ T cell 분리  
(using magnetic cell selection)

4. Cell Count

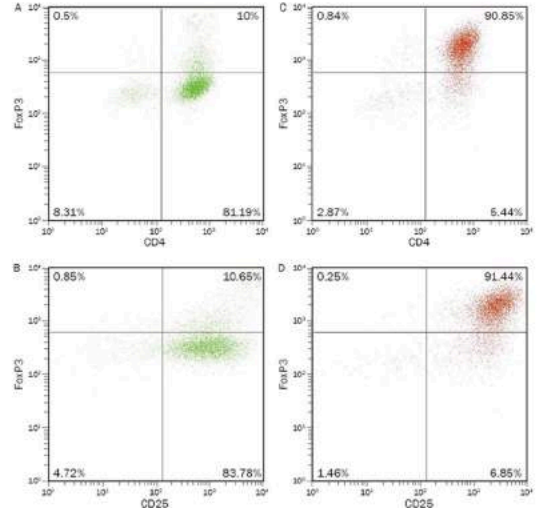
5. CD3이 pre-coating 된 plate에  $0.5 \sim 1.0 \times 10^5$  naive CD4+ T cell seeding

6. 5일 동안 culture

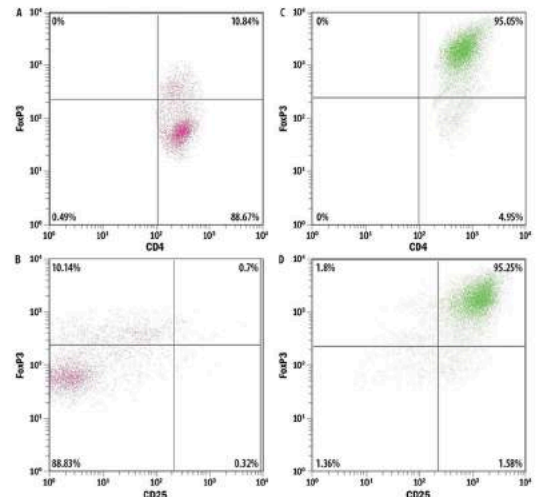
7. Flow Cytometry 이용  
Treg cell Differentiation verify



### < Human >



### < Mouse >



Human(상)/Mouse(하) PBMCs에서 native CD4+ T cell 분리 후, Treg Cell 분화시킨 결과  
A, B : 분화 시키지 않은 그룹, C, D : 분화 시킨 그룹  
CD4+CD25+ 동시에 FoxP3+ 확인 가능

## ▶ Order Information & Related Products

#CDK006 Human Treg Cell Differentiation Kit < 24well 기준 2 plate 기준 >

#CDK007 Mouse Treg Cell Differentiation Kit < 24well 기준 2 plate 기준 >

### Magnetic cell selection

MAGH115	MagCollect Human Naive CD4+ T Cell Isolation Kit
MAGM205	MagCollect Mouse Naive CD4+ T Cell Isolation Kit

### Flow cytometry

FMC021	FlowX Human Regulatory T Cell Multi-Color Flow Kit
FMC022	FlowX Mouse Regulatory T Cell Multi-Color Flow Kit